

Recombinant Human GTF2E2, His-tagged

Cat. No. GTF2E2-30319TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human TFIIE beta with His tag, purified from an E. coli strain that contains the coding sequence of the protein under the control of T7 promoter.
Species	Human
Source	E.coli
Description	General transcription factor IIE subunit 2 (GTF2E2), also known as transcription initiation factor IIE subunit beta (TFIIE-beta), is a protein that in humans is encoded by the GTF2E2 gene.
Conjugation	HIS
Biological activity	1 unit equals 1 nanogram of purified protein.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 20mM Tris Cl, 100mM Potassium chloride, 1mM DTT, 0.2mM EDTA, pH 8.0
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequence Similarities Belongs to the TFIIE beta subunit family. Contains 1 TFIIE beta DNA-binding domain.

Full Length Full L.

GENE INFORMATION

Gene Name GTF2E2 general transcription factor IIE, polypeptide 2, beta 34kDa [Homo sapiens]

Official Symbol GTF2E2

Synonyms GTF2E2; general transcription factor IIE, polypeptide 2, beta 34kDa; general transcription factor IIE, polypeptide 2 (beta subunit, 34kD); transcription initiation factor IIE subunit beta; FE; TF2E2; TFIIE B;

Gene ID 2961

mRNA Refseq NM_002095

Protein Refseq NP_002086

MIM 189964

Uniprot ID P29084

Chromosome Location 8p12

Pathway Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem; Eukaryotic Transcription Initiation, organism-specific biosystem; Formation and Maturation of mRNA Transcript, organism-specific biosystem; Gene Expression, organism-specific biosystem;

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Function

DNA binding; protein binding;

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